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L1: Entry 1 of 2

File: EPAB

Sep 13, 1991

PUB-NO: FR002659224A1

DOCUMENT-IDENTIFIER: FR 2659224 A1

TITLE: Surgical marker, and measuring device, in particular for a hip prosthesis, using such a marker

PUBN-DATE: September 13, 1991

## INVENTOR-INFORMATION:

NAME	COUNTRY
JEAN-LOUIS, DORE	
YVES, PERROT	
CHRISTIAN, PERE	
PHILIPPE, ASQUIER	
OLIVIER, TARLE	
DENIS, BURGOT	
HENRY, ROBERT	

## ASSIGNEE-INFORMATION:

NAME	COUNTRY
DORE JEAN LOUIS	FR

APPL-NO: FR09002935

APPL-DATE: March 8, 1990

PRIORITY-DATA: FR09002935A (March 8, 1990)

US-CL-CURRENT: 606/102

INT-CL (IPC): A61B 17/56; A61F 2/36

EUR-CL (EPC): A61B019/00; A61F002/46

## ABSTRACT:

The surgical marker (10) according to the invention is characterised in that it is formed, on the one hand, by a hollow screw (11) which is intended to be implanted in a bone and whose inner bore is blind, and, on the other hand, by a pin (14) which is intended to be engaged in this hollow screw (11).

In addition to such a surgical marker (10), the measuring device (25) according to the invention comprises a flag marker (26) which for its part is formed, on the one hand, by a support pin (27), which is likewise to be implanted in a bone, and, on the other hand, at right angles to this support pin (27), by a graduated rule (28), the assembly advantageously constituting a U-shaped frame suitable for checking orientation and distance.

Application, in particular, to the positioning of a hip prosthesis.



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L1: Entry 2 of 2

File: DWPI

Sep 13, 1991

DERWENT-ACC-NO: 1991-342197

DERWENT-WEEK: 199147

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TITLE: Surgical measuring instrument - comprises hollow screw for one rod and second rod with pointed tip and measuring strip for measuring distance between two points

INVENTOR: ASQUIER, P; BURGOT, D ; DORE, J L ; PERROT, Y P C ; ROBERT, H ; TARLE, O

PATENT-ASSIGNEE:

ASSIGNEE

CODE

DORE J L

DOREI

PRIORITY-DATA: 1990FR-0002935 (March 8, 1990)

**Search Selected****Search ALL****Clear**

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<input type="checkbox"/> <u>FR 2659224 A</u>	September 13, 1991		000	

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
FR 2659224A	March 8, 1990	1990FR-0002935	

INT-CL (IPC): A61B 17/56; A61F 2/36

ABSTRACTED-PUB-NO: FR 2659224A

BASIC-ABSTRACT:

The locating and measuring instrument consists of a hollow screw (10) which is fixed into a bone, and a rod (14) which can be fitted into the screw. The other section of the instrument comprises a rod (27) with a pointed tip (30) for fixing into a bone, and a measuring strip (32) with a socket (33) for attaching to the top of the rod.

After the screw has been inserted at one point and the rod at another, the position of the rod in the hollow screw enables the distance between the two points to be read off on the scale (28) marked on the measuring strip.

USE/ADVANTAGE - For use in surgery, e.g. for positioning a hip provides for simple and accurate measurement of distance between two points.

CHOSEN-DRAWING: Dwg.4/5

TITLE-TERMS: SURGICAL MEASURE INSTRUMENT COMPRISE HOLLOW SCREW ONE ROD SECOND ROD POINT TIP  
MEASURE STRIP MEASURE DISTANCE TWO POINT

DERWENT-CLASS: P31 P32

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N1991-262003

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L2: Entry 2 of 2

File: DWPI

May 24, 1989

DERWENT-ACC-NO: 1989-158398

DERWENT-WEEK: 198922

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TITLE: Bone length measurement arrangement - has sighting device with movable clampable marker and support perpendicular to sighting device

INVENTOR: ENGELBRECH, E

PATENT-ASSIGNEE:

ASSIGNEE

CODE

GMT GES MED TECH

GMTGN

PRIORITY-DATA: 1987DE-3737993 (November 9, 1987)

**Search Selected****Search ALL****Clear**

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<input type="checkbox"/> <u>DE 3737993 A</u>	May 24, 1989		007	

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
DE 3737993A	November 9, 1987	1987DE-3737993	

INT-CL (IPC): A61B 5/10

ABSTRACTED-PUB-NO: DE 3737993A

BASIC-ABSTRACT:

The measurement arrangement contains a reference element extending along the bone in the form of a sighting device (2), joined to a support (3) transverse w.r.t. its longitudinal sighting axis. A marking device (5) can be moved along the sighting axis (4). The marking device is essentially a bush with a casing at least partially enclosing the sighting device.

A clamping device mounted in the region of the marking device is used to releasably clamp it w.r.t. the sighting device. It consists essentially of a screw shaft with a screw head at the end remote from the sighting device.

USE/ADVANTAGE - For use where bones have been heavily damaged requiring joint replacement. Enables bone to be measured with adequate accuracy.

CHOSEN-DRAWING: Dwg.1/6

TITLE-TERMS: BONE LENGTH MEASURE ARRANGE SIGHT DEVICE MOVE CLAMP MARK SUPPORT PERPENDICULAR  
SIGHT DEVICE

DERWENT-CLASS: P31 S02

EPI-CODES: S02-A01B; S02-A01C2;

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N1989-120781

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L2: Entry 1 of 2

File: EPAB

May 24, 1989

PUB-NO: DE003737993A1

DOCUMENT-IDENTIFIER: DE 3737993 A1

TITLE: Measurement device for measurement of the lengths of bones

PUBN-DATE: May 24, 1989

## INVENTOR-INFORMATION:

NAME

ENGELBRECHT, ECKHARD DR

COUNTRY

DE

## ASSIGNEE-INFORMATION:

NAME

GMT MEDIZINISCHE TECHNIK GMBH

COUNTRY

DE

APPL-NO: DE03737993

APPL-DATE: November 9, 1987

PRIORITY-DATA: DE03737993A (November 9, 1987)

US-CL-CURRENT: 600/587

INT-CL (IPC): A61B 5/10

EUR-CL (EPC): A61B005/107; A61F002/46, A61F002/46 , G01B003/20

## ABSTRACT:

CHG DATE=19990617 STATUS=O> A measurement device for measurement of the lengths of bones comprises a reference element extending along the bone. The reference element is designed as a sighting device. This opens into a bearing device extending essentially transversely to its sighting longitudinal axis. It comprises a marking device arranged so as to be displaceable along the sighting longitudinal axis. The marking device is essentially designed as a bushing which surrounds at least parts of the sighting device with a jacket. In the region of the marking device there is a fixing device which fixes it releasably relative to the sighting device. The fixing device is essentially designed as a screw barrel which has a screw head in the region of its end facing away from the sighting device.